



233d Base Support Battalion Darmstadt



Environmental Management Systems (EMS)

Awareness Training

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Agenda

- **Welcome and Introductions**
- **What is an Environmental Management System (EMS)?**
- **Why are we developing an EMS?**
- **EMS components and steps**
- **Department of Army required schedule and tasks**
- **233d BSB approach to EMS development, and accomplishments to date**
- **Senior Leaders' and all Staff's responsibilities**
- **References for further information**



What is EMS?

A management process designed to help an organization meet environmental responsibilities and achieve and demonstrate improved environmental performance



What is EMS?

- **A systematic and organized approach to managing environmental impacts**
- **Integrates environmental considerations into all activities and services of an organization**
- **Builds on existing environmental programs**
- **Defines, implements and monitors environmental objectives and targets**
- **Applicable to everyone whose activities have the potential to impact the environment**



Why develop an EMS?

- **Required by the Department of the Army**
- **Benefits**
 - **Sustainability**
 - **Efficient use of scarce resources**
 - **Improved environmental performance**
 - **Risk reduction and problem prevention**
 - **Better communication of environmental issues**
- **EMS supports mission**

21 March

2005



Dept. of Army EMS Requirements

- **Executive Order 13148 - Greening the Government through Leadership in Environmental Management, 22 April 2000**
 - *Implementation of EMS by 31 December 2005 for integrating environmental accountability into agency day-to-day decision making and long-term planning processes*

- **Army Environmental System Action Memorandum, Deputy Assistant Secretary of the Army, 13 July 2001**
 - *Conform to ISO 14001*
 - *Initiate NLT FY 2004; EMS in place NLT December 2005*
 - *Full conformance NLT FY 2009*



- **Voluntary international standard providing a framework for developing an EMS**
- **Key elements of ISO 14001**

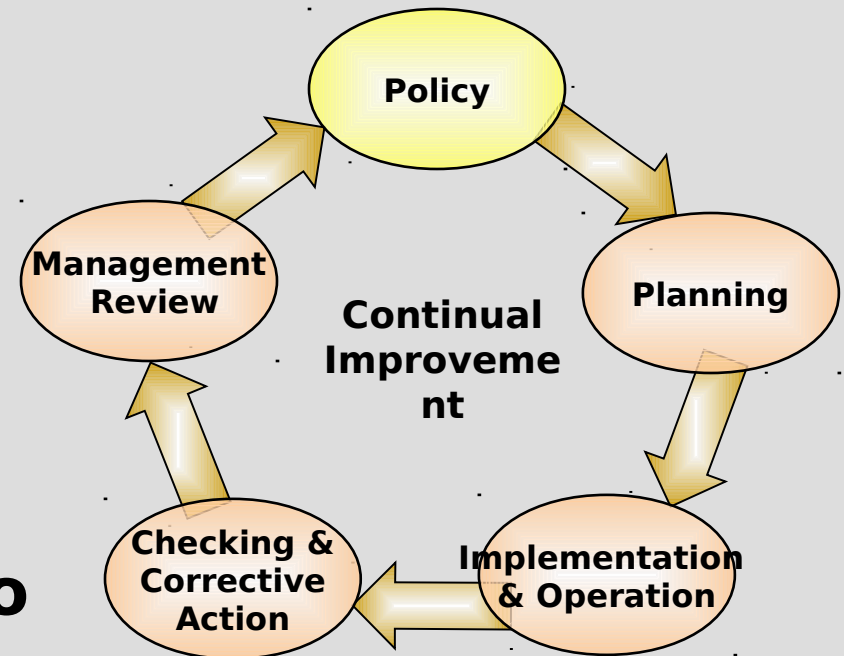
- **Policy Statement**
- **Planning**
- **Implementation & Operation**
- **Checking & Corrective Action**
- **Management Review**
- **Continual Improvement**





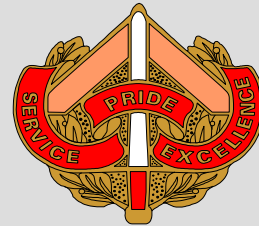
Environmental Policy

- **Statement of environmental commitment of the organization**
- **Framework for environmental actions and goals**
- **Applies to everyone who works and lives in 233d BSB**





233d BSB Environmental Policy



DEPARTMENT OF THE ARMY
HEADQUARTERS, 23ND BASE SUPPORT BATTALION
RMT 25500
APO AE 09176-0001

AEUSG-DA-CO

SEP 21 2004

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: 233d Base Support Battalion (BSB) Environmental Policy Statement

1. In order to provide continuously superior garrison operations the 233d BSB must properly maintain real property, facilities and infrastructure at installations within its footprint. To accomplish this portion of our mission, we also need to be responsible stewards of the environment. The 233d BSB's environmental objectives are to attain reasonable environmental improvement; comply with all applicable environmental laws, regulations, and policy; and minimize pollution. To achieve these objectives, the BSB enacts the following Environmental Policy:

a. **Applicability:** This policy statement applies to all military and civilian personnel assigned to all host and tenant organizations within the BSB.

b. **Responsibility:** The BSB Commander is responsible for instituting the Environmental Policy, ensuring stewardship of the environment, and developing and implementing an Environmental Management System (EMS) in the 233d BSB to help achieve the objectives of this Environmental Policy. The BSB Executive Officer represents the BSB Commander by serving as the EMS Management Representative. The BSB Directorate of Public Works (DPW), through the DPW Environmental Division, is responsible for assisting BSB organizations with fulfilling the objectives of the Environmental Policy and with developing and implementing the BSB's EMS. However, adherence to the BSB's Environmental Policy and implementation of the EMS is a shared responsibility of all persons living and working in the BSB. Any planned action that may negatively impact the environment must be brought to the attention of the DPW, Environmental Division, to assess that impact.

c. **Environmental Stewardship and Mission Support:** The 233d BSB must support troop unit readiness by operating, maintaining and repairing real property, facilities and infrastructure within the BSB in a manner that protects the environment and conserves natural and cultural resources to the maximum extent possible. To accomplish this we commit to:

(1) Complying with all applicable environmental related laws, regulations, and policy.

(2) Continually assessing BSB activities and services to determine their effect on the environment. We will identify the significant environmental impacts and ensure that they are considered when establishing objectives and targets with the BSB EMS and associated environmental management programs.

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SUBJECT: 233d Base Support Battalion (BSB) Environmental Policy Statement

(3) Striving to fully integrate relevant environmental requirements into the BSB mission procedures and work practices so that environmental awareness and compliance are routinely performed when executing operations and services within the BSB.

(4) Actively seeking opportunities to continually improve the BSB EMS by establishing performance measures to assist in assessing system effectiveness and implementing a proactive preventive and corrective action program.

(5) Conducting periodic environmental assessments and inspections to ensure compliance with internal and external requirements.

(6) Providing adequate training to enable personnel to recognize the potential and actual impacts of their activities.

(7) Identifying and addressing pollution prevention and waste reduction opportunities within the operations and services being conducted in the BSB.

(8) Preparing for potential emergencies from within the facility or from the surrounding community by implementing a robust emergency preparedness system, testing and updating it regularly, and communicating it to all personnel at all levels.

(9) Remediating known contaminated sites as quickly as resources permit. Continuing to maintain positive relations with U.S. and Host Nation governmental agencies, and local communities.

(10) Continuing to maintain positive working relations with other government agencies, the Host Nation, and local communities in our shared effort to protect the environment.

d. **Policy Communication:** This Environmental Policy statement is available to all personnel in the BSB. It is posted in work and recreational areas as appropriate. This policy is available to the public in hardcopy upon request through the Public Affairs Office.

2. POC for this policy statement is Ms. Alisha Ralph, DPW, Environmental Division, DSN 348-6153.

MARK D. LANDERS
LTC, M1
Commanding

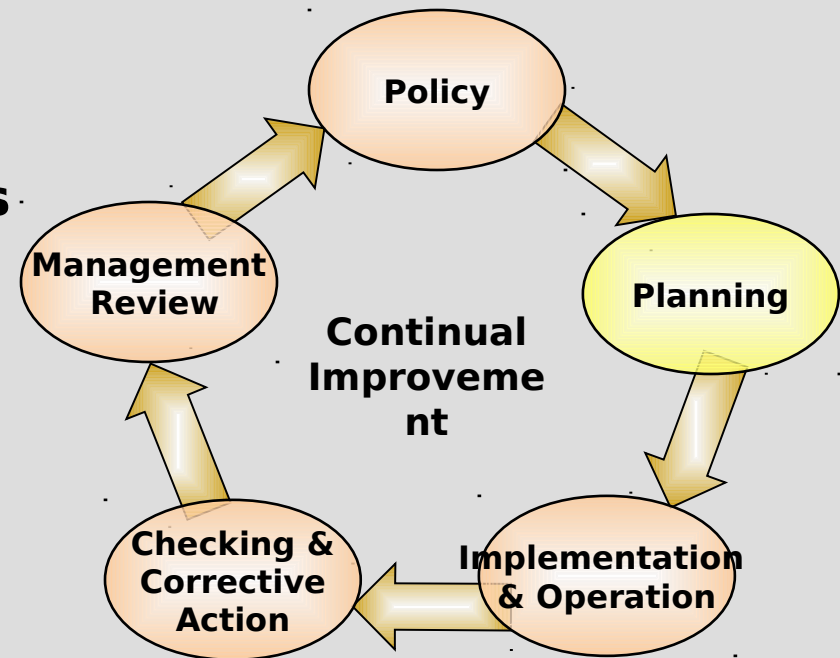
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EMS Planning

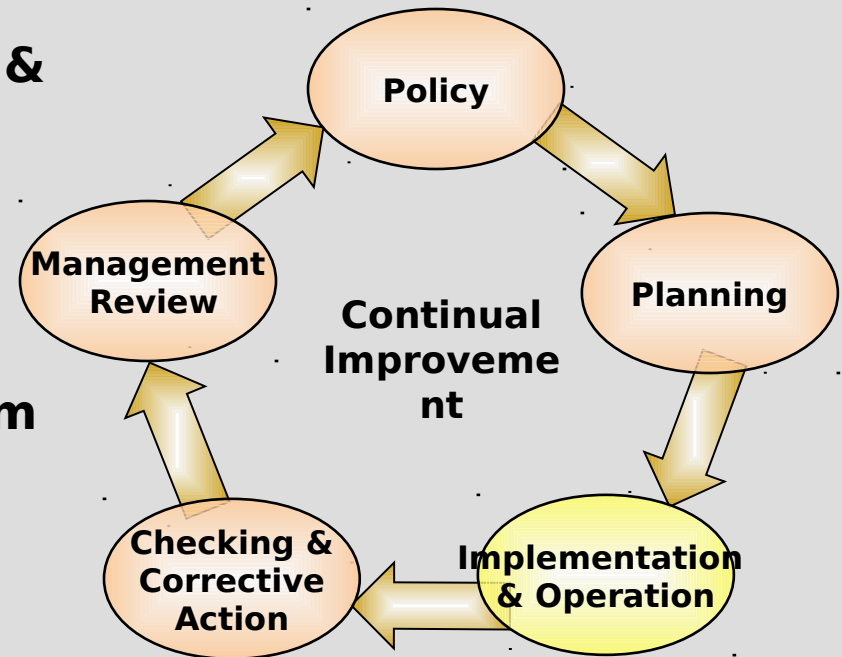
- **Identify aspects of BSB operations that can interact with the environment**
- **Identify environmental impacts**
- **Review legal and other requirements**
- **Set objectives and targets to improve environmental performance**
- **Establish formal EMS program**





EMS Implementation & Operation

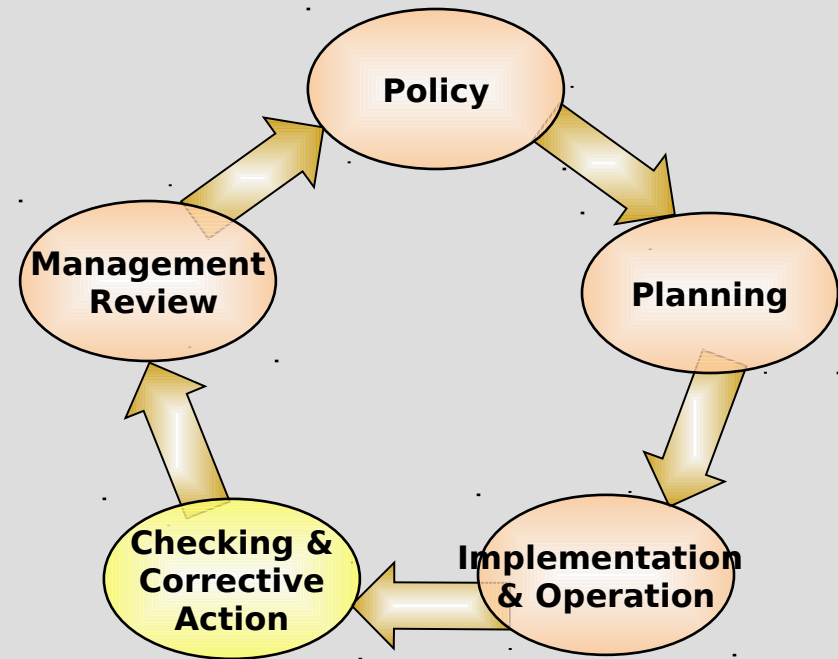
- Define roles & responsibilities
- Provide EMS training (Awareness & Competency)
- Establish internal & external communication mechanisms
- Establish document control system
- Establish operational controls
- Integrate with or establish Emergency Preparedness Procedures





EMS Checking & Corrective Action

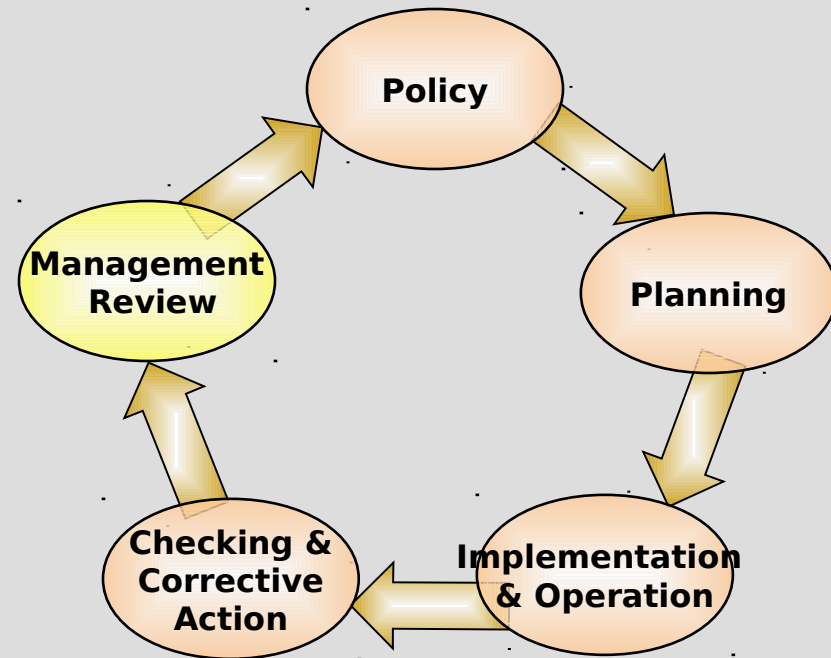
- Regular measurement, monitoring & evaluation of key operations with significant environmental impacts
- Includes periodic EMS audits, other audits, & routine monitoring
- Identify root cause of non-conformance
- Develop appropriate corrective & preventive actions





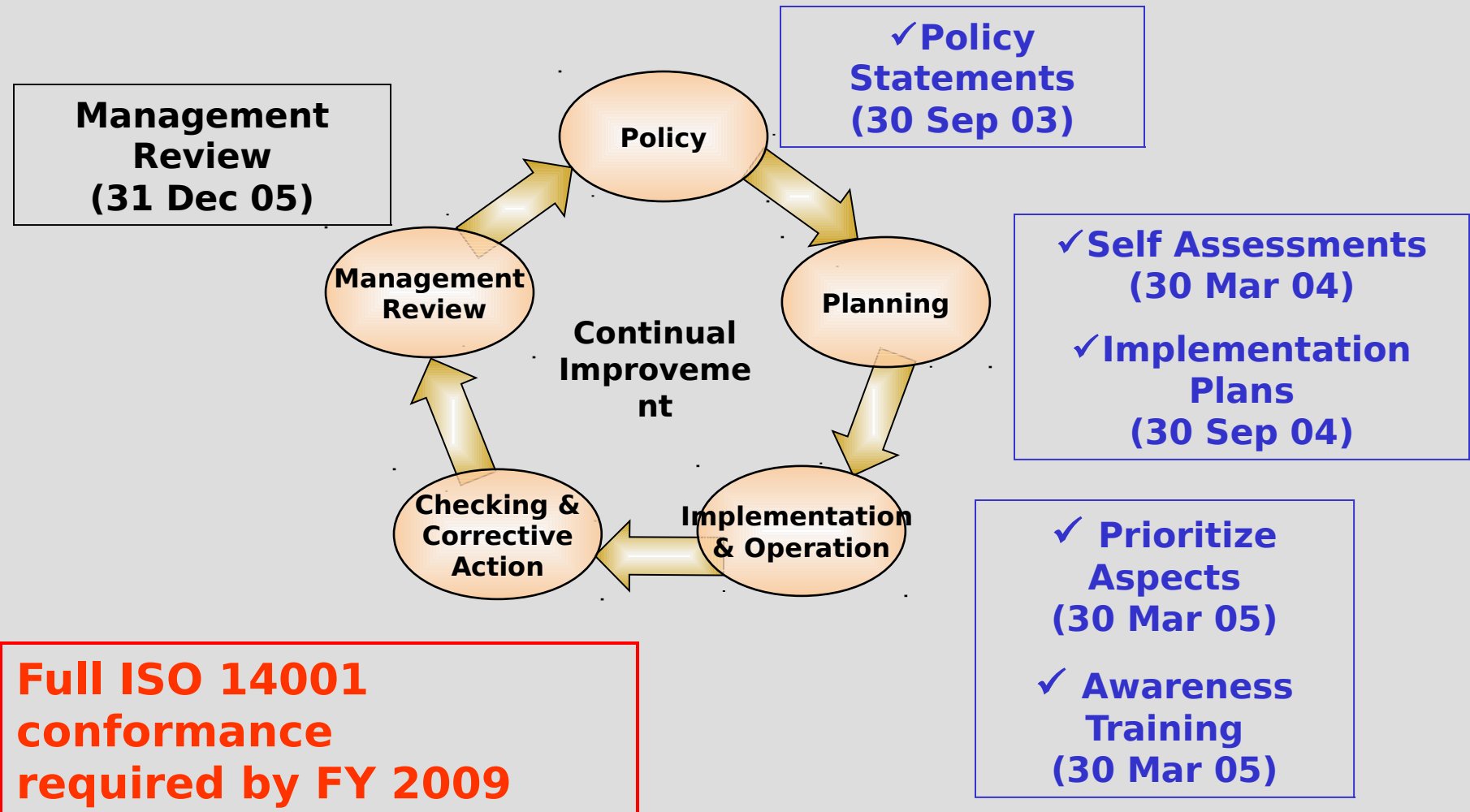
EMS Management Review

- **Conduct periodic review of EMS**
- **Senior management conducts review**
- **Purpose is to evaluate EMS effectiveness**
- **Results in revisions to policy or other EMS elements if needed**





Army's EMS Milestones and 233d BSB Status

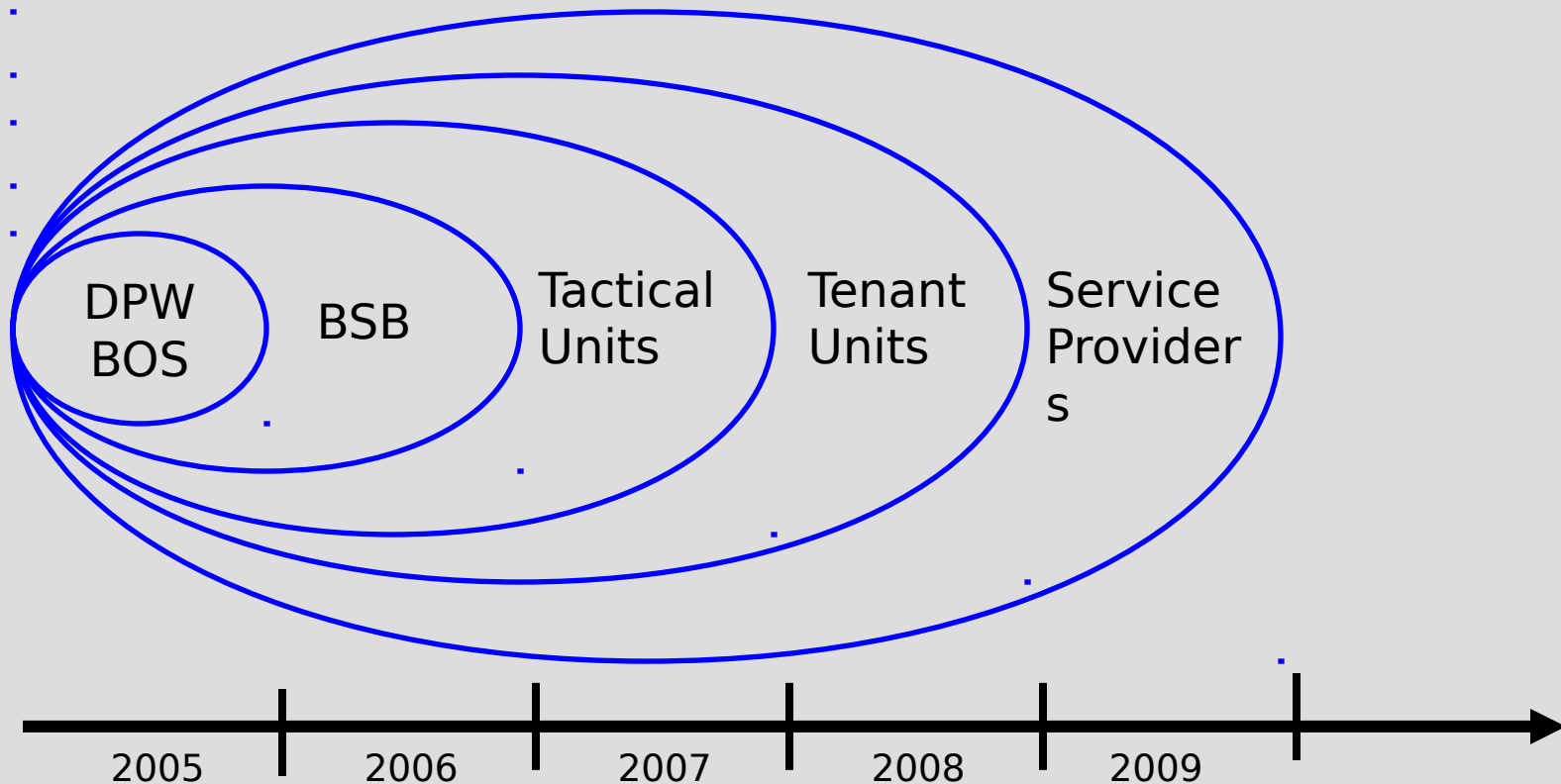


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✓ = Task complete for 1st cycle of 233d BSB EMS



233d BSB Phased Approach to EMS



DPW = Directorate of Public Works

BOS = Base Operation Services (Total Maintenance Contract)

BSB = Base Support Battalion



Next Steps

- **Focus on DPW and BOS activities through December 2005**
 - **Complete Planning Phase**
 - **Implementation & Operation Activities**
 - **Checking & Corrective Action**
 - **Management Review**

- **Then, refine EMS and expand to encompass activities of other BSB Directorates and Tenant Units/Organizations through FY 2009**



Senior Leadership Responsibilities

- **Know, follow and communicate the BSB's Environmental Policy**
- **Understand the elements of the BSB's EMS as they pertain to your organization**
- **Provide the resources needed for developing and implementing the EMS**



Everyone Has a Role in EMS

Know how your job can impact the environment

- **All jobs are different and can have different impacts on the environment**
- **Personnel whose jobs have potentially significant impacts on the environment will receive job-specific training to minimize those impacts**

Know and follow work procedures

- **Be familiar with all work-related procedures**
- **Make sure your unit's work procedures conform to the EMS policy, objectives and targets**
- **Make sure your work procedures are up-to-date, easily understood, and locatable**
- **Know what to do in the event of an emergency or spill**



Benefits of EMS

- **Positive effect on compliance & performance**
- **Improved risk identification and problem prevention**
- **Improved environmental awareness, involvement, & competency across organization**
- **Better communication about environmental issues**
- **Improved efficiency, reduced costs and liabilities, & greater consistency in environmental programs**
- **Transitions from a reactive to a proactive organization**
- **Continual improvement allows flexibility and opportunity to correct imperfections**
- **Strengthens working relationships within the community and with the Host Nation**



Summary

- ▶ EMS is a system - That's what makes it work
- ▶ EMS is a management tool - not an environmental program
- ▶ EMS implementation takes time - its a continual process, not an event
- ▶ EMS is a shared responsibility
- ▶ EMS requires commitment at all levels of the organization



For Further Information...

- **233d BSB Website**
 - **Environmental Policy**
 - **EMS Awareness Training slides**

- **Tools available on DENIX**
 - **HQDA EMS Implementers Guide (October 2004)**
 - **HQDA EMS Commanders Guide (June 2003)**

<https://www.denix.osd.mil/denix/DOD/Library/EMS/ssarmy.html>



Contacts

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